

**DATE:** December 19, 2019 **File:** ECS-20-002

**TO:** Planning and Development Board/Local Planning Agency

**VIA:** Shiv Newaldass, Director, Development Services

**VIA:** Vivek Galav, P.E., Director, Department of Public Utilities

**FROM:** Wilhelmina Montero, P.E., Project Manager

**SUBJECT:** Amendments to the adopted Comprehensive Plan to Modify the Potable Water Sub-Element and to include an updated Water Supply Plan.

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**REQUEST:**

The City of Hollywood requests a text amendment to the Potable Water Sub-Element of the adopted Comprehensive Plan and to include an updated Water Supply Plan.

**RECOMMENDATION:**

The Planning and Development Board, acting as the Local Planning Agency, forward a ***recommendation of Approval*** to the City Commission.

**BACKGROUND:**

To address the increasing demands of a growing population, the portions of the Florida Statutes (F.S.) that cover local government comprehensive planning (Chapter 163, Part II, F.S.) and regional water supply planning (Chapter 373, F.S.) require that planned growth be coordinated with available water supply and treatment capacity. This legislation requires local governments to prepare Water Supply Plans that demonstrate that sufficient water supply capacity is available or can be provided over a minimum 10-year planning horizon. The Water Supply Plan characterizes the water infrastructure serving the City's jurisdiction and addresses the development of traditional and alternative water supplies, bulk sale agreements and management strategies, including conservation and reuse needed to serve existing and new development while complying with regulatory requirements. In 2015, via Ordinance O-2015-05, the City of Hollywood adopted an amendment to the Comprehensive Plan Utilities Element (Water Sub-element) and Updated the Water Supply Plan in Accordance to Section 163.3177(6)(c), F.S.

Water Supply Plans must be updated within 18 months after the South Florida Water Management District (District) approves a regional water supply plan or its update. The 2018 Lower East Coast Water Supply Plan Update (2018 LECWSP Update) was adopted by the District's Governing Board on November 8, 2018. Therefore, local governments within the Lower East Coast Region are required to amend their comprehensive plans and include an updated 10-year Water Supply Facilities Work Plan and related planning elements by May 8, 2020.

The City of Hollywood, Department of Public Utilities (HLWD-DPU) has been working closely with the appropriate agencies to update the 2015 Water Supply Plan in order to ensure consistency with the LECWSP recently approved by the South Florida Water Management District (SFWMD) and water supply concurrency requirements.

### **REQUEST:**

In compliance with State requirements, the request proposes to amend the Potable Water Sub-Element of the Comprehensive Plan and update the 2015 Water Supply Plan to include/update the following:

- Population and water demand projections through the year 2040 within the City's jurisdiction and the Department of Public Utilities' (HLWD-DPU) service area.
- Updated City's retail water demand projections within the HLWD-DPU service area based on population projections from the Broward County 2020 Work Plan and the annual average City retail customer gallons per person (capita) per day (gpcd) averaged from 2014 to 2018.
- Assessment of the City's current water supply sources and treatment capacities reflecting recent update to City's Water Treatment Plant and distribution system.
- Recognition of the regional water supply planning issues that have the potential to impact the City, including regional climate action plan and sea level rise.
- Identification of water conservation and reuse practices and regulations within the City's service area, including the Ocean Outfall Legislation.
- Identification of the HLWD-DPU capital improvement projects necessary to continue to meet water demand.
- Demonstration that the City of Hollywood has coordinated with other service providers supplying water within the City's jurisdiction (i.e. Broward County Water and Wastewater Services and the City of Fort Lauderdale) to ensure that short- and long-term water supply needs will be met.
- Review and update of Goals, Objectives, and Policies (GOP's) required to implement the Work Plan and Water Supply concurrency requirements.

The findings of the 2020 water Supply Plan include the following:

- The City's permitted raw water allocation, existing treatment capacity and current and projected potable water production meet the City's development goals throughout the planning horizon of year 2040.

- The City is proactively updating its existing and aged water distribution infrastructure. No capacity-related or water supply related capital improvement projects are necessary within the planning horizon.
- The City continues to successfully implement water conservation efforts, which have assisted the City to reduce its per capita consumption from a five-year average of 127 gpcd in 2008 to a five-year average of 113 gpcd in 2018; and
- The updates to the Water Supply Plan prompted updates to the Potable Water Sub-Element as included in the adopted Comprehensive Plan.

### **RECOMMENDATION:**

Based on the recommendations of the Planning and Zoning Board, a public hearing will be held by the City Commission Considering the adoption and transmittal of the updated Water Supply Plan, and subsequent Comprehensive Plan amendments to the Florida Department of Economic Opportunity (DEO) for review and issuance of an objections, Recommendations and Comments (ORC) Report.

### **ATTACHMENTS**

ATTACHMENT A: 2020 Water Supply Plan and Updates to the Potable water Sub-Element of the Comprehensive Plan